

Report #: DOE/EIA-0573(2009)  
 Release Date: February, 2011  
 Next Release Date: February 2012

## Emissions of Greenhouse Gases in the United States 2009

**Table 14. U.S. carbon sequestration from nonfuel uses of energy fuels, 1990-2009  
 (million metric tons carbon dioxide equivalent)**

End use and type	1990	1995	2000	2003	2004	2005	2006	2007	2008	2009
<b>Industrial</b>										
Petroleum										
Liquefied petroleum gas	59.2	78.2	81.7	76.0	77.6	73.2	74.6	75.8	70.9	74.4
Distillate fuel oil	0.3	0.3	0.4	0.5	0.5	0.6	0.6	0.6	0.6	0.6
Residual fuel oil	1.9	2.1	2.0	1.9	2.1	2.3	2.5	2.0	2.1	1.7
Asphalt and road oil	88.5	89.1	96.4	92.2	98.6	100.0	95.4	90.5	76.5	66.0
Lubricants	6.9	6.6	7.0	5.9	6.0	5.9	5.8	6.0	5.6	5.0
Pentanes plus	4.4	16.2	12.7	9.0	9.1	8.0	5.7	7.4	6.3	5.2
Petrochemical feed	46.0	50.0	57.7	59.2	69.1	64.2	63.2	57.5	49.9	46.0
Petroleum coke	9.1	6.8	7.2	8.2	13.3	11.1	13.1	12.5	12.4	8.5
Waxes and miscellaneous	12.6	10.2	11.2	11.6	10.7	10.7	12.0	11.5	12.0	12.2
<i>Petroleum subtotal</i>	<i>228.9</i>	<i>259.3</i>	<i>276.4</i>	<i>264.6</i>	<i>287.0</i>	<i>276.2</i>	<i>273.0</i>	<i>263.8</i>	<i>236.2</i>	<i>219.7</i>
Coal	1.4	2.1	1.8	1.5	1.5	1.5	1.4	1.4	1.4	1.0
Natural gas	16.0	19.0	23.3	20.3	21.4	21.8	22.1	23.0	21.5	20.4
<i>Industrial subtotal</i>	<i>246.3</i>	<i>280.4</i>	<i>301.5</i>	<i>286.4</i>	<i>309.9</i>	<i>299.5</i>	<i>296.6</i>	<i>288.2</i>	<i>259.1</i>	<i>241.0</i>
<b>Transportation</b>										
Lubricants	6.5	6.2	6.7	5.6	5.6	5.6	5.5	5.6	5.2	4.7
<b>Total</b>	<b>252.8</b>	<b>286.6</b>	<b>308.2</b>	<b>292.0</b>	<b>315.5</b>	<b>305.1</b>	<b>302.0</b>	<b>293.8</b>	<b>264.4</b>	<b>245.7</b>

Notes: Emissions from nonfuel use of energy fuels are included in the energy consumption tables in this chapter. Totals may not equal sum of components due to independent rounding.